

## Claims

- [c1] A paper roll apparatus comprising:  
a paper winding core comprising a paper winding region; and  
a pair of paper retention caps each comprising a securing lip for securing side ends of a paper roll wound about said paper winding region.
- [c2] The apparatus of [c1] , wherein:  
at least one of said paper retention caps slides over an outer end of said paper winding core.
- [c3] The apparatus of [c1] , wherein:  
at least one of said paper retention caps slides over an outer end of said paper winding core and is retained by said paper winding core with its securing lip securing said side ends of said paper roll.
- [c4] The apparatus of [c1] , further comprising said paper roll wound around said paper winding region, with said side ends of said paper roll secured by said securing lips.
- [c5] The apparatus of [c2] , further comprising said paper roll wound around said paper winding region, with said side ends of said paper roll secured by said securing lips.
- [c6] The apparatus of [c3] , further comprising said paper roll wound around said paper winding region, with said side ends of said paper roll secured by said securing lips.
- [c7] A method for preparing a paper roll apparatus comprising the steps of:  
introducing a wound paper roll about a paper winding region of a paper winding core; and

securing side ends of said paper roll about said paper winding region using a pair of securing lips of a pair of paper retention caps each comprising one of said securing lips.

[c8] The apparatus of [c7] , further comprising the step of:  
sliding at least one of said paper retention caps over an outer end of said paper winding core.

[c9] The apparatus of [c7] , further comprising the steps of:  
sliding at least one of said paper retention caps over an outer end of said paper winding core; and  
retaining said at least one of said paper retention caps with its securing lip securing said side ends of said paper roll, using said paper winding core.